CLAIMS

What is claimed is:

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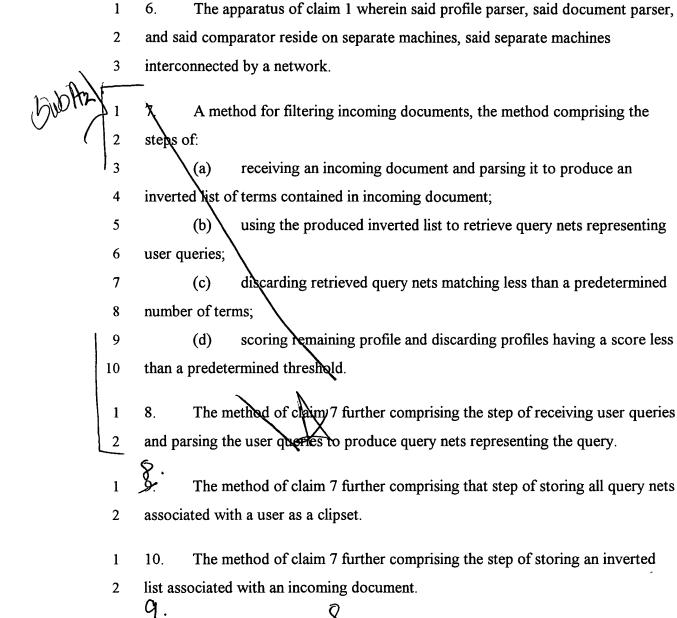
1	î,	An apparatus for filtering documents as received, the apparatu	18
2	compri	ising:	

a document parser, said document parser accepting documents as input and providing inverted lists of terms contained in the documents as output;

a profile parser, the profile parser accepting user queries as input as providing a query net representing the query as output; and

a comparator that compares the inverted list for an incoming document against the query net representing the user query and providing as output an indication whether the incoming document matches the user query.

- 2. The apparatus of claim 1 wherein said profile parser provides as output a term dictionary containing terms from the user query, and wherein the document parser uses said term dictionary to eliminate terms from said inverted list.
- The apparatus of claim 1 wherein said profile parser accepts a plurality of user queries and stores a corresponding plurality of query nets in a memory element.
- 1 4. The apparatus of claim 3 wherein said comparator compares an inverted 2 list associated with an incoming document against each of said plurality of stored 3 query nets.
- The apparatus of claim 1 wherein said comparator provides an indication that the incoming document matches the user query if said inverted lists contain a minimum number of terms contained in the query net.



H.

12.

statistics in the clipset.

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filtering incoming documents, the article comprising:



The method of claim 9 further comprising the step of storing corpus

An article of manufacture having computer-readable program means for

	3	(a) computer-readable program means for receiving an incoming
	4	document and parsing it to produce an inverted list of terms contained in incoming
	5	document;
,	6	(b) computer-readable program means for using the produced inverted
	7	list to retrieve query nets representing user queries;
	8	(c) computer-readable program means for discarding retrieved query
	9	nets matching less than a predetermined number of terms;
	10	(d) computer-readable program means for scoring remaining profile
	11	and discarding profiles having a score less than a predetermined threshold.
	1	13. The article of manufacture of claim 12 further comprising computer-
	1	
	2	readable program means for receiving user queries and parsing the user queries to
1	3	produce query nets representing the query.
۲		12.
	1	The article of manufacture claim 1/2 further comprising computer-readable
	2	means of storing all query nets associated with a user as a clipset.
		14.
	1	The article of manufacture of claim $\frac{1}{2}$ further comprising
	2	computer-readable means of storing an inverted list associated with an incoming
	3	document. 12
		13. Pt.
	1	The article of manufacture of claim of further comprising computer-readable
	2	means of storing corpus statistics in the clipset.

add B4

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